

Subject: BIOLOGY DPP No.: 1 Class: XIth Date:

		_	tion in Plants			
1.	Beer and butter milk are p a) <i>Rhizopus stolonifer</i> c) <i>Bacillus subtilis</i>	roducts of fermentation	on by b) <i>Caedobacter taeni</i>	b) <i>Caedobacter taeniospiralis</i> d) <i>Saccharomyces cerevisiae</i>		
2.	Apparatus to measure rate a) Auxanometer	e of respiration and res b) Potometer	spiratory quotient is c) Respirometer	d) Manometer		
3.	Acetyl Co-A binds to oxalo	acetic acid to form b) Citrate	c) Acetate	d) Isocitrate		
4.	In fermentation NADH is o a) Fast	xidised to NAD ⁺ in b) Slow	rate c) Usual	d) None of these		
5.	Last electron acceptor in raa) Oxygen	espiration is b) Hydrogen	c) Carbon dioxide	d) NADH		
6.	In animal cells, like muscle reduced into lactic acid by a) θ_2 c) Lactate dehydrogenase	=	0_2 is inadequate for cellude 0_2 is inadequate for cellude 0_2 b) Carboxylation 0_2 d) None of the above			
7.	Glucose break down takes a) Partially c) According to substrate	place in fermentat	ion b) Completely d) None of these			
8.	Plants need one of the folloa) N and P	owing for ATP formati b) N and Cu	on c) N and Ca	d) K		
9.	First vitamin to be produce a) Vitamin-D	ed through fermentati b) Vitamin-C	on process using a wild ba c) Vitamin- B ₁₂	cterium was d) Vitamin-B ₂		
10.	Fate of pyruvic acid during a) Lactic acid fermentation c) Oxidative decarboxylati	1	b) Alcoholic acid fern	b) Alcoholic acid fermentation d) Oxidative phosphorylation		

11.	In respiration, respiratory substances can be used					
	a) Carbohydrate	b) Protein	c) Organic ac	cid d) All of these		
12.	In oxidative decarboxylation, only a carbon molecule of pyruvic acid is get oxidised, other two carbon molecule goes to form					
	a) Acetyl Co-A	b) CO ₂	c) Citric acid	d) Both (a) and (b)		
13.	Enzymes of electron trans a) Inner mitochondrial me c) Intermembranous space	embrane	b) Matrix			
14.	Fungi are dependent on dead and decaying matter for feeding, it is called					
	a) Saprophytes	b) Halophytes	c) Xerophyte	d) Nanophytes		
15.	Which of the following reaction does not take place in the cell organelle, that is referred to as 'Power house of the cell'?					
	a) Glycine Decarboxylation		b) Glyceralde	b) Glyceraldehyde 3-phosphate dehydrogenation		
	c) Fumaric acid hydration	1	d) Cytochron	ne oxidation		
16.	Which of the following is t	true regarding glycoly:	sis?			
	I. Takes place in cytosol					
	II. Produces no ATP					
	III. Has no connection with electron transport chain					
	IV. Reduces two molecule		ucose molecule pro	ocessed		
	Choose the correct option					
	a) Only I	b) I, II and III	c) I and II	d) None of these		
17.	The reaction which is catalysed by a protein that is not found in the matrix of mitochondria is					
	= = =	= = =	=	b) Oxidative Decarboxylation of α -ketoglutaric acid		
	c) Oxidation of Succinic ac	cid	d) Cleavage o	d) Cleavage of Succinyl coenzyme-A		
18.	All enzymes of TCA cycle are located in the mitochondrial matrix except one, which is located in inner mitochondrial membranes in eukaryotes and in cytosol in prokaryotes. This enzyme is					
	a) Lactate Dehydrogenase		b) Isocitrate	b) Isocitrate Dehydrogenase		
	c) Malate Dehydrogenase		d) Succinate	Dehydrogenase		
19.	Identify enzyme A in the given reaction of Kreb's cycle					
	$OAA + Acetyl Co - A + H_2O \xrightarrow{A} Citric acid + Co - A$					
	a) Oxaloacetate synthetase			b) Citrate synthetase		
	c) Aconitase		d) Dehydrog	d) Dehydrogenase		

- 20. The enzymes for TCA cycle are present in
 - a) Plastids
 - c) Mitochondria

- b) Golgi complex
- d) Endoplasmic reticulum

